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PATENT

FACSIMILE TRANSMITTAL LETTER

Attorney Docket No.	Serial No.
55421US023	10/690,425

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TOTAL NO. OF PAGES: 53
Sent to Facsimile No.: 703-872-9310
Examiner Phone No.:

In re Application of:	Junkang J. Liu, Bettie C. Fong and Bruce D. Kluge		
Serial No.:	10/690,425	Art Unit:	Unknown
Confirmation No.:	Unknown	Art Unit in Parent:	1773
Filed:	October 21, 2003	Examiner:	Unknown
For:	ANTISOILING HARDCOAT	Examiner in Parent:	Vivian Chen
<p>We are transmitting the following documents:</p> <p>Facsimile Transmittal Letter [1 page]</p> <p>Fee Transmittal for FY 2004 [1 page]</p> <p>Preliminary Amendment [5 pages]</p> <p>Information Disclosure Statement [2 pages]</p> <p>Form PTO 1449 [2 pages] and two of the foreign references listed thereon [37 pages]</p> <p>International Search Report for PCT/US 01/00996 [5 pages]</p>			

Please charge Deposit Account 13-3723 for any fees under 37 CFR §1.16 and §1.17 that may be required during the pendency of this application. This authorization includes the fee for any extension of time under 37 CFR §1.136(a) that may be necessary. To the extent any such extension should become necessary it is hereby requested.

Respectfully submitted,

Registration No. 29,524	Direct Dial 612-331-7412	<i>David R. Cleveland</i>
Date: November 25, 2003		David R. Cleveland

Certificate of Facsimile Transmission

Pursuant to 37 CFR 1.8, I certify that this correspondence is being sent to the telephone number shown below, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below indicated date.

To Facsimile Number 703-872-9310	Signature <i>Lynelle K. Grube</i>
Date November 25, 2003	Printed Name Lynelle K. Grube

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 172.00

Complete if Known

Application Number 10/690,425
Filing Date October 21, 2003
First Named Inventor Junkang J. Liu
Examiner Name unknown
Art Unit unknown
Attorney Docket No. 55421US023

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:

Deposit Account Number 13-3723
Deposit Account Name 3M Innovative Properties Co.

The Director is authorized to: (check all that apply)
☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) or any underpayment of fee(s)
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385			Utility filing fee	
1002 340	2002 170			Design filing fee	
1003 530	2003 265			Plant filing fee	
1004 770	2004 385			Reissue filing fee	
1005 160	2005 80			Provisional filing fee	
SUBTOTAL (1) (\$)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	13 - 20** = 0	X	
Multiple Dependent	5 - 3** = 2	X	172.00

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9			Claims in excess of 20	
1201 88	2201 43			Independent claims in excess of 3	
1203 280	2203 145			Multiple dependent claim, if not paid	
1204 88	2204 43			** Reissue independent claims over original patent	
1205 18	2205 9			** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					172.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130			Non-English specification	
1812 2,620	1812 2,520			For filing a request for <i>ex parte</i> reexamination	
1804 820*	1804 820*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 110	2251 55			Extension for reply within first month	
1252 420	2252 210			Extension for reply within second month	
1253 950	2253 475			Extension for reply within third month	
1254 1,480	2254 740			Extension for reply within fourth month	
1255 2,010	2255 1,005			Extension for reply within fifth month	
1401 330	2401 165			Notice of Appeal	
1402 330	2402 165			Filing a brief in support of an appeal	
1403 280	2403 145			Request for oral hearing	
1451 1,510	1451 1,510			Petition to Institute a public use proceeding	
1452 110	2452 55			Petition to revive - unavoidable	
1453 1,330	2453 665			Petition to revive - unintentional	
1501 1,330	2501 665			Utility issue fee (or reissue)	
1502 480	2502 240			Design issue fee	
1503 840	2503 420			Plant issue fee	
1460 130	1460 130			Petitions to the Commissioner	
1807 50	1807 50			Processing fee under 37 CFR 1.17(g)	
1806 180	1806 180			Submission of Information Disclosure Stmt	
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	
1809 770	2809 385			Filing a submission after final rejection (37 CFR 1.128(a))	
1810 770	2810 385			For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385			Request for Continued Examination (RCE)	
1802 900	1802 900			Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Name (Print/Type) David R. Cleveland
Signature *[Signature]*

Registration No. 29,524
(Attorney/Agent)

(Complete if applicable)

Telephone 612-331-7412

Date November 25, 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

OFFICIAL

Patent
Docket No.: 55421US023

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Junkang J. Liu, Bettie C. Fong, and
Bruce D. Kluge

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For: ANTISOILING HARDCOAT

Group Art Unit:	Unknown
Group Art Unit in	1773
Parent:	
Examiner:	Unknown
Examiner in Parent:	Vivian Chen

PRELIMINARY AMENDMENTCommissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. 1.8: I hereby certify that this correspondence is being sent by facsimile to the telephone number shown below, addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on the below indicated date:

Facsimile Number: 703-872-9310

Date: November 25, 2003

By Lynelle K. Grube
Lynelle K. Grube

Dear Sir:

Introductory Comments

Prior to taking up examination of the present application, please amend the claims in the Substitute Specification as shown below.